



Grade 8 Science Start Up Projects

Name _____

Class _____

Isle of Wight Structures *(due 11th Sept for r,o and 12th Sept for y, g,b,Hig)*

While we are visiting the Isle of Wight, we will see and use many structures such as that for the 3G swing and the Leap of Faith. Your task is to write a **short** piece about one of these structures, explaining why you liked it and the suitability of the design and materials used. Your paragraph could be used as part of a display about the Isle of Wight experience.

Assessment area	Self	Teacher
Work includes student name, a suitable title, is typed, less than half an A4 page long and handed in on time (1)		
The name of the structure is included and the reason for choice. (2)		
The suitability of the design and materials used are described and explained in sufficient detail. (2)		
Total (5)		

Introductory Bridge Project *(due 11th Sept for r,o and 12th Sept for y, g,b and 18th Sept for Hig)*

Your science homework over the summer was to take a picture of a bridge. Now you are going to use the website <<http://www.pbs.org/wgbh/buildingbig/bridge/>> to find out a little more about the four main types of bridges, classify your bridge and **add arrows** to show the main forces acting on your bridge. Now write a paragraph about your bridge. **Make sure you follow the rubric carefully and include everything that is asked for – asking a peer to check it through for you would be a good idea!**

Assemble the picture and writing together (can be all in a word document or you can stick the writing to the bridge picture.) Print your work.

Assessment area	Self	Teacher
Writing includes student name, is typed, attached to bridge picture and handed in on time. The bridge picture is copyright free and preferably taken by the student. If you have taken the picture yourself you need to say so on your piece of work! (1)		
The name and/or location of the bridge is included and the reason for choosing this bridge. (2)		
The type of bridge is correctly identified and the main forces acting have been correctly drawn onto the bridge.(2)		
Total (5)		

Something to think about: Scientists need many different skills, what skills have you used in carrying out these two assignments?
